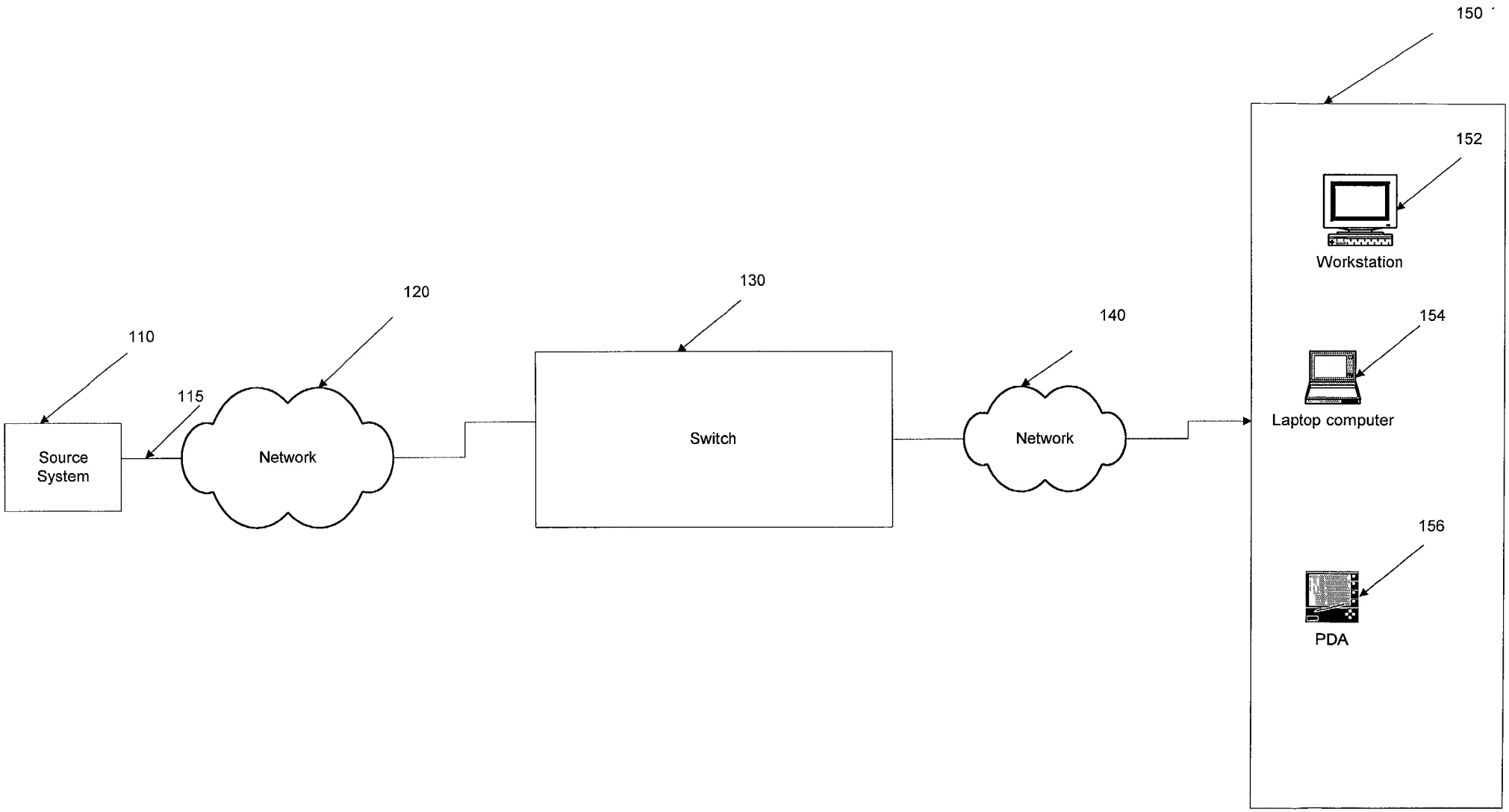
150
152
Workstation
154
Laptop computer
156
PDA
120
130
140
110
115
Source System
Network
Switch
Network

FIG.1

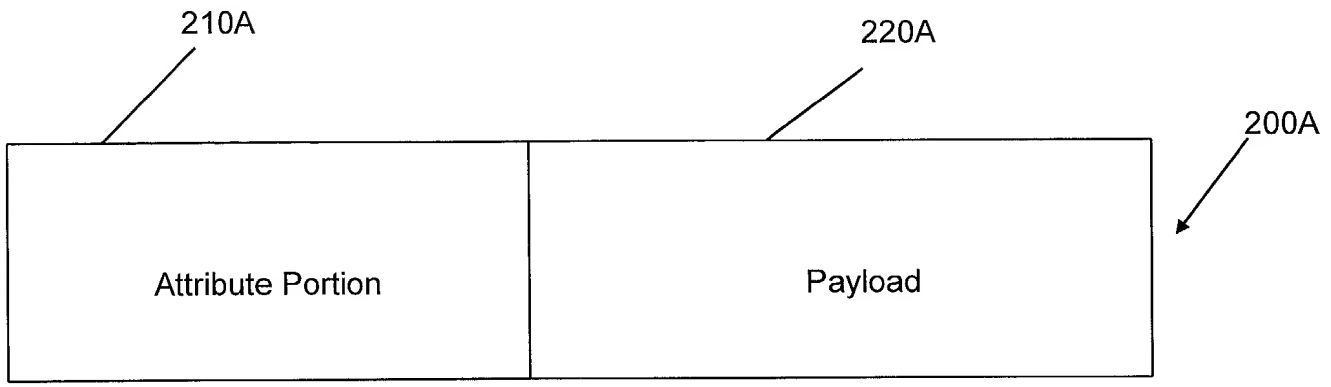

FIG. 2A

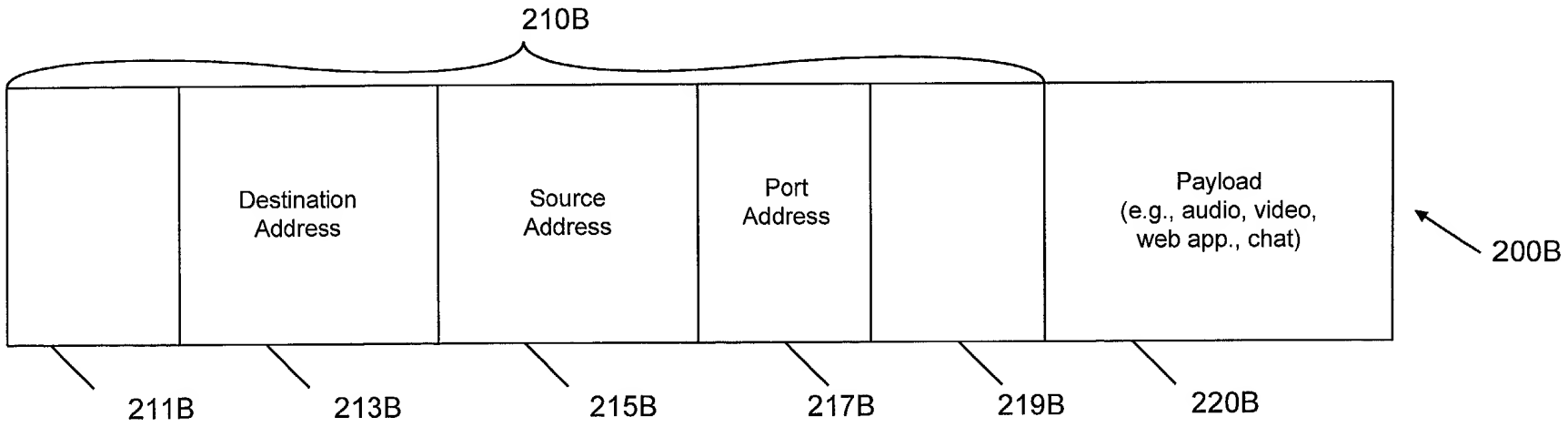

FIG.2B Structure of Data Unit

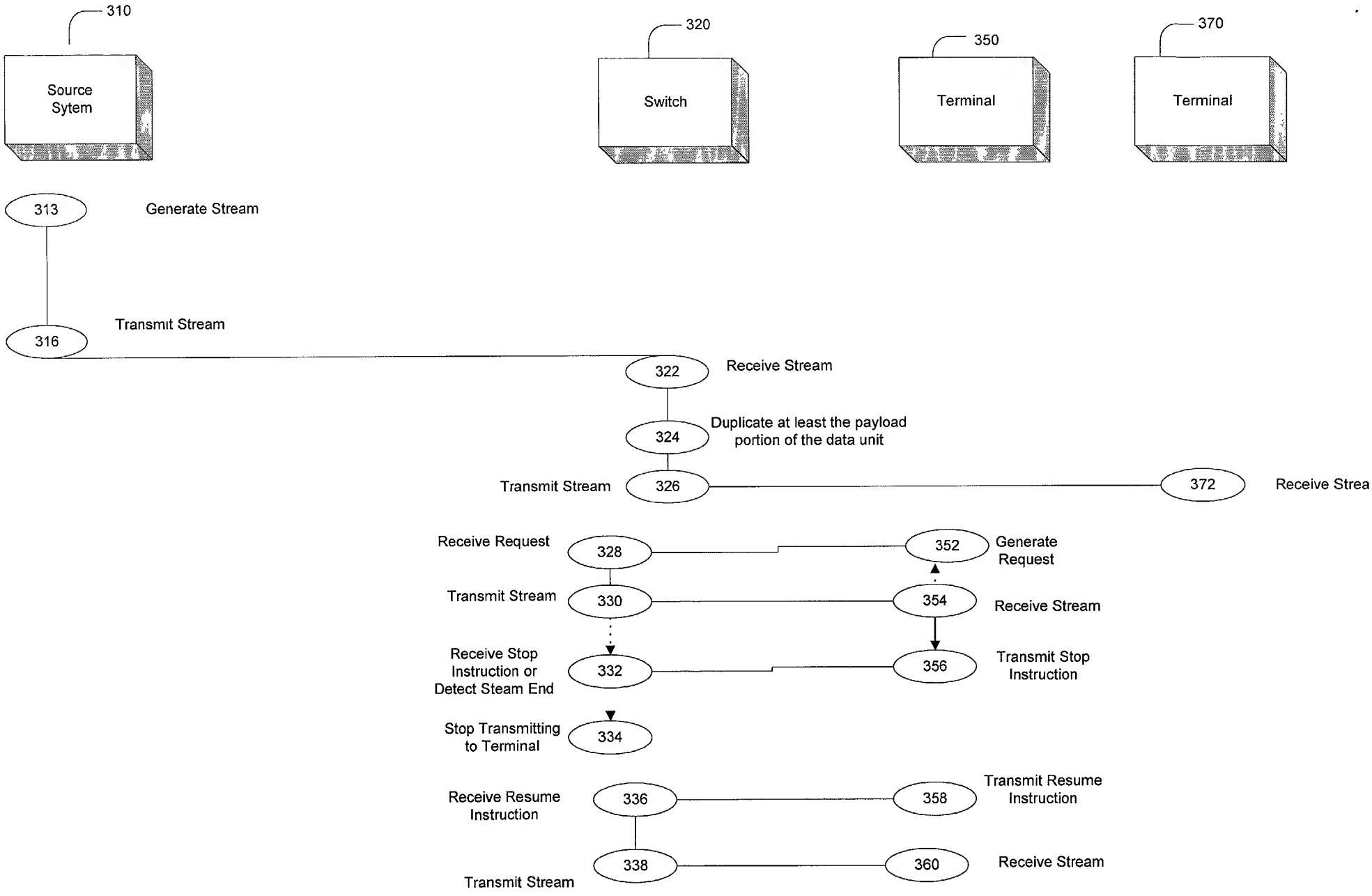
310
Source Sytem
320
Switch
350
Terminal
370
Terminal
313
Generate Stream
316
Transmit Stream
322
Receive Stream
324
Duplicate at least the payload portion of the data unit
Transmit Stream
326
372
Receive Strea
Receive Request
328
352
Generate Request
Transmit Stream
330
354
Receive Stream
Receive Stop Instruction or Detect Steam End
332
356
Transmit Stop Instruction
Stop Transmitting to Terminal
334
Receive Resume Instruction
336
358
Transmit Resume Instruction
Transmit Stream
338
360
Receive Stream

Fig. 3

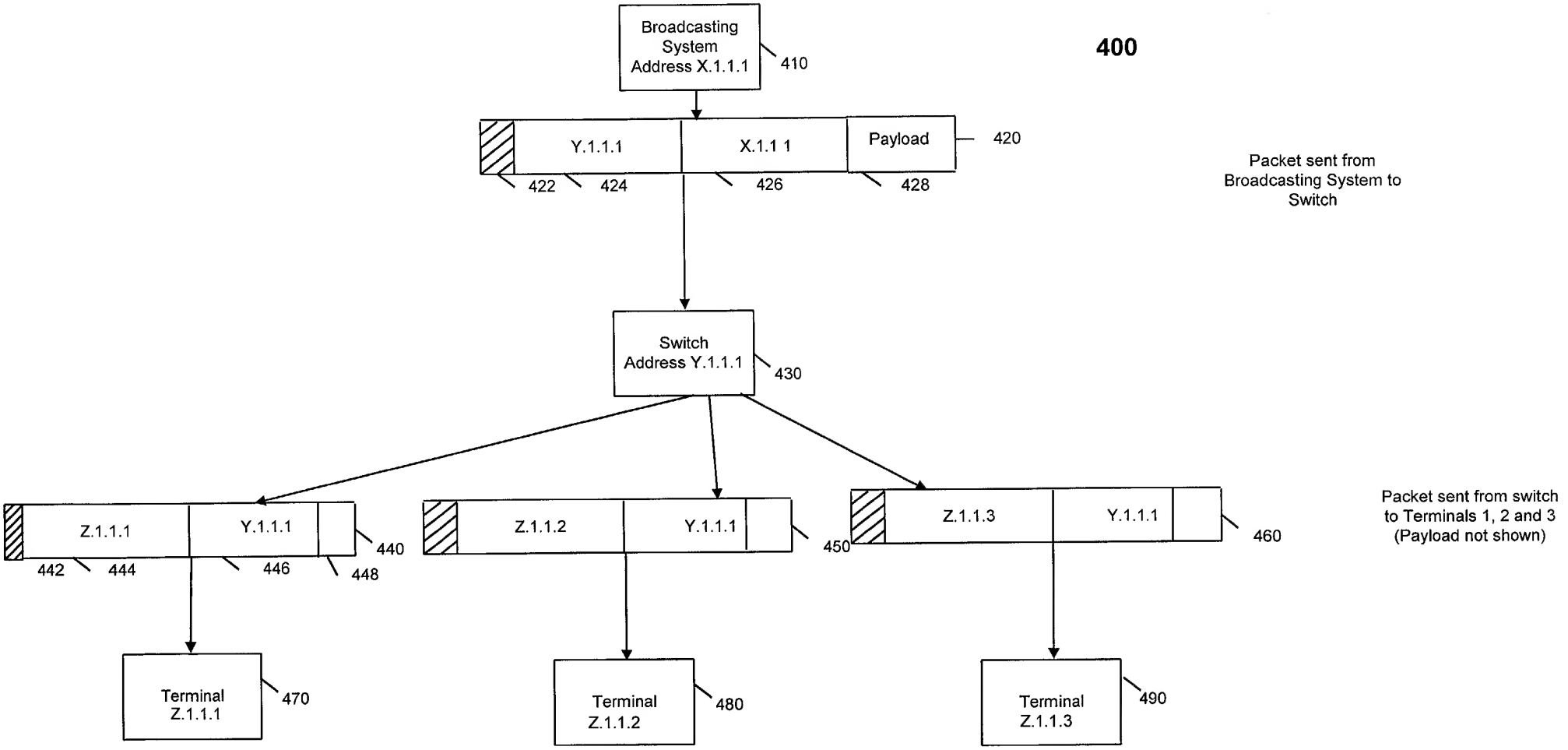
400
Broadcasting System Address X.1.1.1
410
Y.1.1.1
X.1.1 1
Payload
420
422
424
426
428
Packet sent from Broadcasting System to Switch
Switch Address Y.1.1.1
430
Z.1.1.1
Y.1.1.1
440
442
444
446
448
Z.1.1.2
Y.1.1.1
450
Z.1.1.3
Y.1.1.1
460
Packet sent from switch to Terminals 1, 2 and 3 (Payload not shown)
Terminal Z.1.1.1
470
Terminal Z.1.1.2
480
Terminal Z.1.1.3
490

Fig.4